PTO/SB/05 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY				Attorn	Attorney Docket No. M1071.1851/P1851								
				First I	First Inventor Tomoyuki Ogawa								
PATENT APPLICATION TRANSMITTAL				Title	PIEZOELECTRIC CERAMIC COMPOSITION AND PIEZOELECTRIC ELEMENT								
(Only for new nonprovisional applications under 37 CFR 1.53(b))					Expre	Express Mail Label No.							
APPLICATION ELEMENTS						ΔΩ	DRESS TO	Com	mission	opplication er for Patents			
See MPEP chapter 600 concerning utility patent application co.					ntents.								
1.	(Submit a	n original, a	form (e.g., PTO/SB/17) nd a duplicate for fee process			7.	Computer L	or CD-R in Program	n duplica (Append	ite, large table or			
2.	Applicant claims small entity status. See 37 CFR 1.27.					8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)							
3.	X Specific		[Total I	Pages 23	31		a. Compu	ter Reada	ble Form	(CRF)			
(preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed)							c. Statem	CD-ROM of ents verify	or CD-R ing ident	(2 copies); or ii. Paper lity of above copies PLICATIONS PARTS theet & document(s))			
Detailed Description Claim(s)							37 CFR 3	73(b) Sta	tement	Power of			
4	1 1	ract of the l		Sheets ;	3]	10. 11.		re is an a: ranslation		Attomey int (if applicable)			
5.	Oath or Decla		•	⊢	2 1	12.	▼ Informatio	n Disclosi	ure	X Copies of IDS Citations			
	a. X Ne	wly execu	ted (original or copy)			13.			-	Challons			
		DELETI Signed st inventor(s											
6	. Applica	tion Data	Sheet. See 37 CFR 1.7	6									
	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:												
	or CONTINUAT	FION or D					prior application			oath or declaration is supplied			
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.													
				19. COF	RESPO	NDE	NCE ADDRES	SS					
Customer Number or Bar Code Label									or X	Correspondence address below			
N	ame	DICK Edwa											
Address		1177 41st	Avenue of the A										
Ci	ity	New		Sta	te	NY		Z	ip Code	10036-2714			
C	ountry	US		Tel	ephone	(212	2) 835-1400		Fa	× (212) 997-9880			
	Name (Print	Туре)	Edward A. Mei				Registration No	. (Attomey	/Agent)	24,735			
	Signature			//	41	0			Date	hily 9, 2003			

PTO/SB/17 (05-03)

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FFF TDANCASTTAL		Complet if Kn wn							
FEE TRANSMITTAL	Application Number Not Yet Assigned								
for FY 2003	Filing Date				Concurrently Herewith				
Effective 01/01/2003, Patent fees are subject to annual revision.	First Named Inventor				ntor Tomoyuki Ogawa				
Endeave Onon 2003, Falent toes and student to annual revision.	Examiner Name				Not Yet Assigned				
Applicant claims small entity status. See 37 CFR 1.27	Art Unit				N/A				
TOTAL AMOUNT OF PAYMENT (\$) 790.00	Attorney Docket No.				o. M1071.1851/P1851				
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)								
Chack Credit Money Other None	3. ADDITIONAL FEES								
Creck A Card Order United Months	V. ADDITIONAL I LEG								
Deposit Account		. Entitu	Small	Entite					
Deposit Account 50-2215	Fee	Entity Fee	Fee	Entity Fee	-				
Number	Code	(\$)	Code	(\$)	Fee Description Fee Paid				
Deposit Account Dickstein Shapiro Morin &	1051	130	2051	65	Surcharge - late filing fee or oath				
Name UShinsky LLP	1052	50	2052	25	Surcharge – late provisional filing fee or cover				
The Director is hereby authorized to: (check all that apply)	1,555	455			sheet.				
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification				
Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination				
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month				
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month				
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month				
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month				
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension for reply within fifth month				
1002 330 2002 165 Design filing fee	1401	320	2401		Notice of Appeal				
1003 520 2003 260 Plant filing fee	1402	320	2402		Filing a brief in support of an appeal				
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive – unavoidable				
30510172(1)	1453	1,300	2453	650	Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)				
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design issue fee				
Total Claims 19 -20** = x = 0.00	1503	630	2503	315	Plant issue fee				
Independent 1 -3** = x = 0.00	1460	130	1460	130	Petitions to the Commissioner				
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt				
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per 40.00				
1202 18 2202 9 Claims in excess of 20	1				property (times number of properties) Filing a submission after final rejection				
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	(37 ČFR 1.129(a))				
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))				
1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375	Request for Continued Examination (RCE)				
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Other	fee (spe	cify)		of a design application				
SUBTOTAL (2) (\$) 0.00	(*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00							
**or number previously paid, if greater, For Reissues, see above									
SUBMITTED BY					Complete (if applicable)				
Name (Print/Type) Edward A. Meilman		ration No ay/Agent)		,735	Telephone (212) 896-5471				
Signature Edward & Mee	lin	ســ			Date July 9, 2003				